

Figure 1

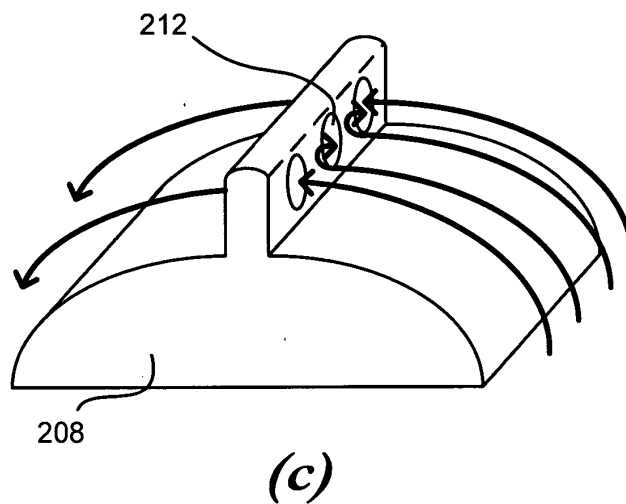
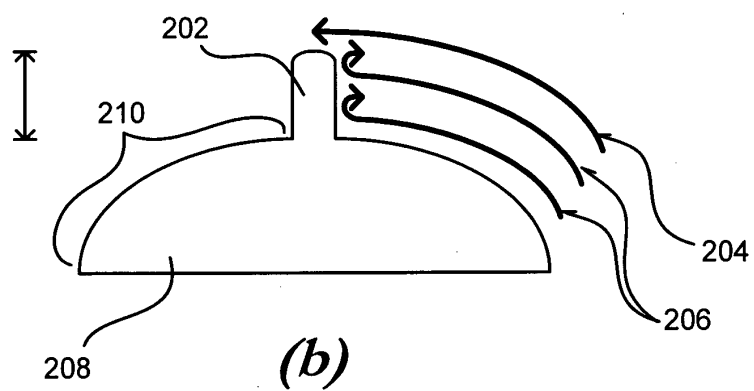
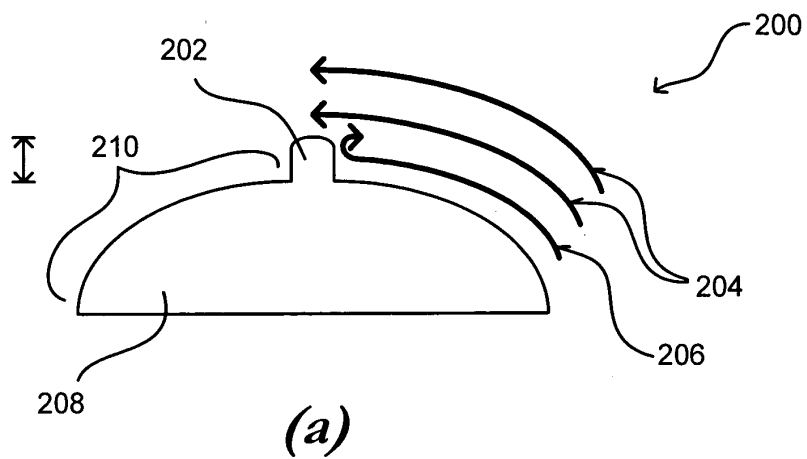


Figure 2

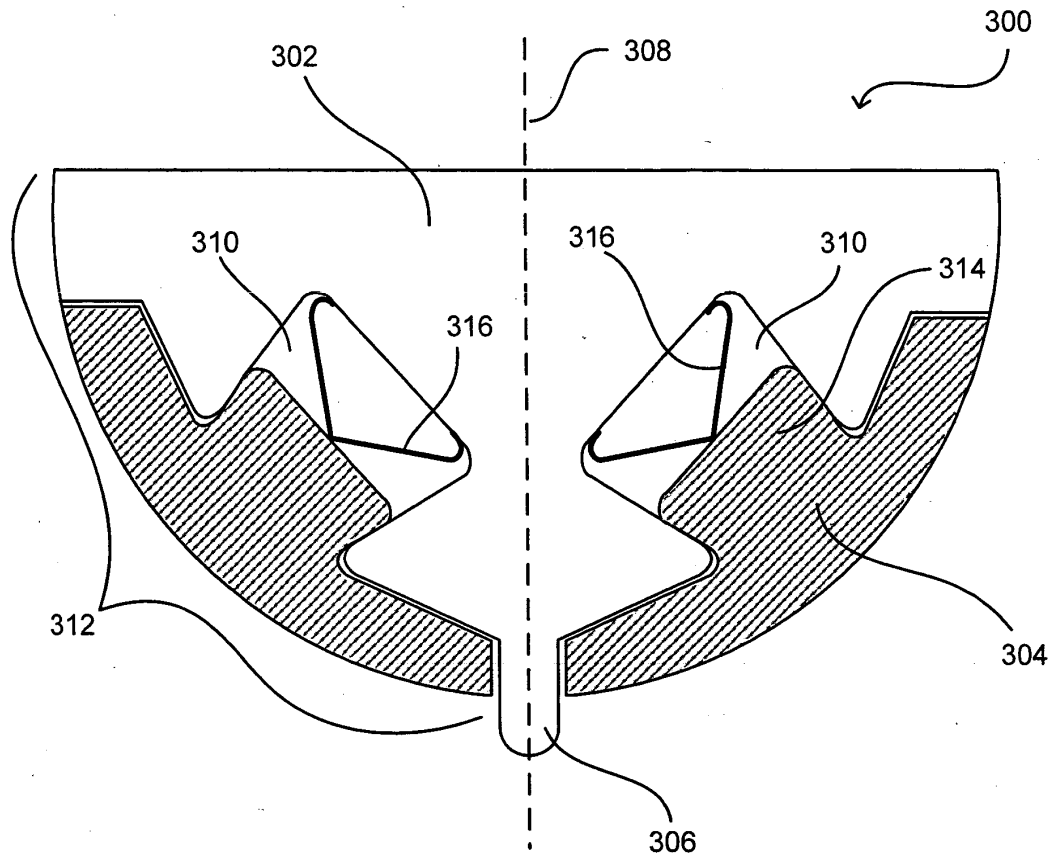


Figure 3

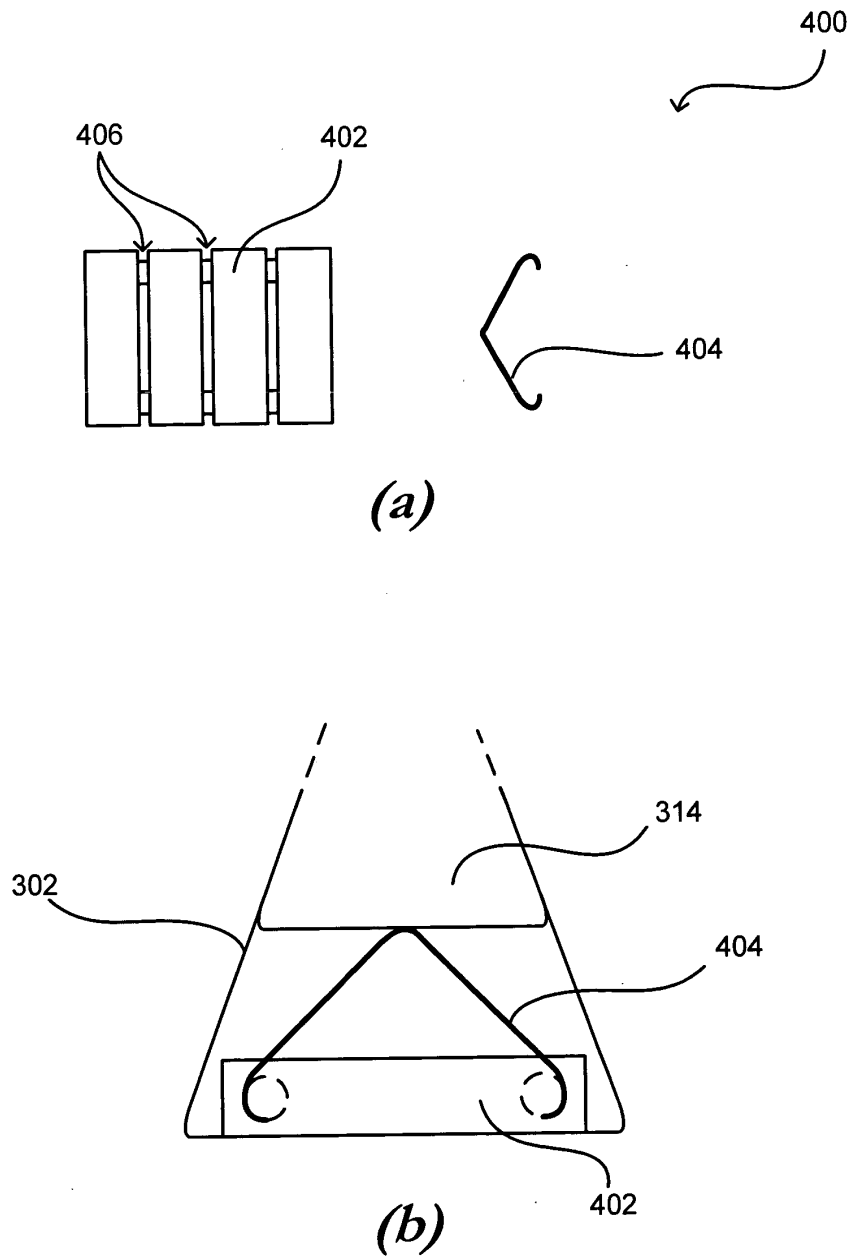


Figure 4

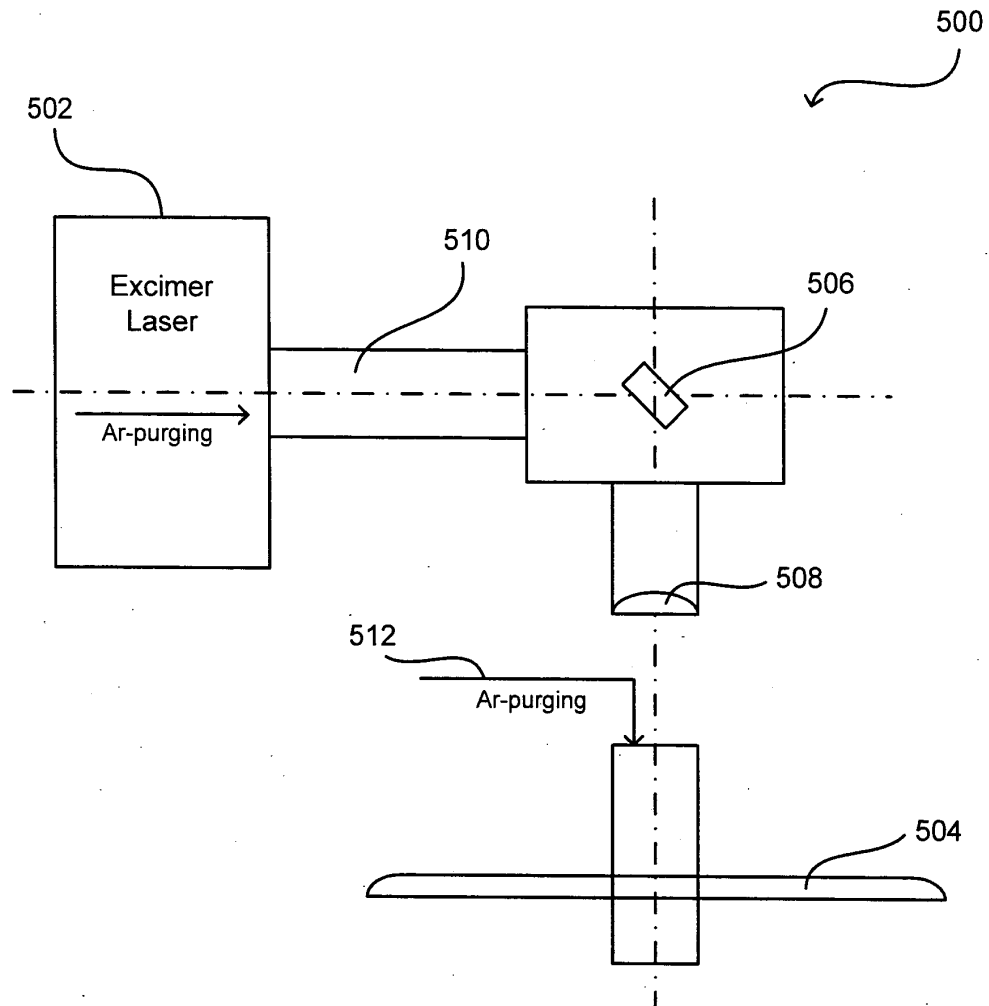


Figure 5

Table 1 (Data of Dicronite Dry Lube)

SPECIFIC TECHNICAL DATA	
COMPOSITION	modified Tungsten Disulfide, lamellar form
HARDNESS	takes on the hardness of the substrate
MOLECULAR WEIGHT	248.02
DENSITY	7.4 grms/cc
THICKNESS	0.000020 inch
APPEARANCE	on initial application-silvergray, then polished rhodium when burnished
CO-EFFICIENT OF FRICTION	inclined plane technique-0.03
CARRIER	dry air, no binders or adhesives
ADHESION	mechanical-molecular interlock
CURE TIME	no cure time required, applied at ambient temperature
TEMPERATURE RANGE	lubricates from -350 f to +1000 f (-188 c to 538 c) in normal atmosphere
CHEMICAL STABILITY	inert, non-toxic, corrosion resistant
CORROSION RESISTANCE	minor delay of corrosion, will not inhibit corrosion of substrate
MAGNETISM	non-magnetic
VACUUM ENVIRONMENT	350 f to +2400 f (-188 c to +1316 c) in temperatures of 10-14 Torr
SUBSTRATE	all solid metals, glass, fiberglass, porcelain, most plastics, and man-made solids
LOAD CAPACITY	same as the substrate, to 350,000 PSI
LOX COMPATIBILITY	insensitive to detonation by or in the presence of oxygen
DEGRADATION	will not cause distortive stress relief, additional stress, or degradation to substrate

Figure 6

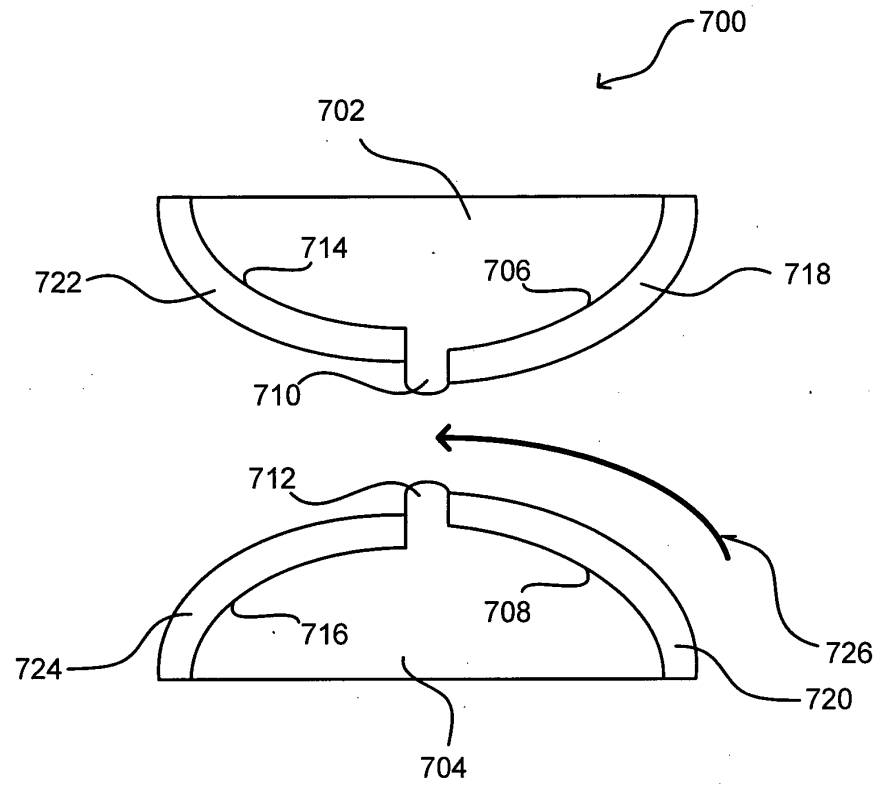


Figure 7